

EAST Search History

| Ref # | Hits | Search Query | DBs | Default Operator | Plurals | Time Stamp |
|-------|------|---|----------|------------------|---------|------------------|
| L2 | 2 | (metallic)and(sodium)and(solvent)and(solution)and(hydrocarbon)and(organosulfur)and(vaporization)and(hydrogen)and(donor)and(sodium)and(sulfide).clm. | US-PGPUB | OR | OFF | 2006/11/06 13:10 |

EAST Search History

| Ref # | Hits | Search Query | DBs | Default Operator | Plurals | Time Stamp |
|-------|------|---|--|------------------|---------|------------------|
| L1 | 4 | (metallic)and(sodium)and(solvent)and(solution)and(hydrocarbon)and(organosulfur)and(vaporization)and(hydrogen)and(donor)and(sodium)and(sulfide) | US-PGPUB; USPAT; USOCR; EPO; DERWENT | OR | OFF | 2006/11/06 13:10 |
| L2 | 2 | (metallic)and(sodium)and(solvent)and(solution)and(hydrocarbon)and(organosulfur)and(vaporization)and(hydrogen)and(donor)and(sodium)and(sulfide).clm. | US-PGPUB | OR | OFF | 2006/11/06 13:10 |
| L3 | 997 | "208/143" | US-PGPUB; USPAT; USOCR; EPO; DERWENT | OR | OFF | 2006/11/06 13:41 |
| L4 | 358 | "208/209" | US-PGPUB; USPAT; USOCR; EPO; DERWENT | OR | OFF | 2006/11/06 13:41 |
| L5 | 178 | "208/230" | US-PGPUB; USPAT; USOCR; EPO; DERWENT | OR | OFF | 2006/11/06 13:41 |
| L6 | 88 | "208/235" | US-PGPUB; USPAT; USOCR; EPO; DERWENT | OR | OFF | 2006/11/06 13:41 |
| S1 | 6 | "6358402" | US-PGPUB; USPAT; USOCR; EPO; DERWENT | OR | OFF | 2006/06/27 13:05 |
| S2 | 3 | "6338788" | US-PGPUB; USPAT; USOCR; EPO; DERWENT | OR | OFF | 2006/06/23 13:19 |
| S3 | 31 | "3787315" | US-PGPUB; USPAT; USOCR; EPO; DERWENT | OR | OFF | 2006/06/23 13:28 |

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| S4 | 30 | "3788978" | US-PGPUB; USPAT; USOCR; EPO; DERWENT | OR | OFF | 2006/06/27 14:15 |
| S5 | 22 | "3791966" | US-PGPUB; USPAT; USOCR; EPO; DERWENT | OR | OFF | 2006/06/23 14:07 |
| S6 | 1 | 60/463,703 | US-PGPUB; USPAT; USOCR; EPO; DERWENT | OR | OFF | 2006/06/23 13:31 |
| S7 | 18 | "3976559" | US-PGPUB; USPAT; USOCR; EPO; DERWENT | OR | OFF | 2006/06/23 14:08 |
| S8 | 16 | "4003824" | US-PGPUB; USPAT; USOCR; EPO; DERWENT | OR | OFF | 2006/06/23 14:09 |
| S9 | 13 | "4076613" | US-PGPUB; USPAT; USOCR; EPO; DERWENT | OR | OFF | 2006/06/23 14:12 |
| S10 | 7 | "4123350" | US-PGPUB; USPAT; USOCR; EPO; DERWENT | OR | OFF | 2006/06/23 14:13 |
| S11 | 10 | "5948242" | US-PGPUB; USPAT; USOCR; EPO; DERWENT | OR | OFF | 2006/06/23 14:13 |
| S12 | 11 | "5985137" | US-PGPUB; USPAT; USOCR; EPO; DERWENT | OR | OFF | 2006/06/23 14:15 |
| S13 | 6 | "6210564" | US-PGPUB; USPAT; USOCR; EPO; DERWENT | OR | OFF | 2006/06/23 14:16 |

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| S14 | 24 | "6274533" | US-PGPUB; USPAT; USOCR; EPO; DERWENT | OR | OFF | 2006/06/23 14:17 |
| S15 | 10 | "6338794" | US-PGPUB; USPAT; USOCR; EPO; DERWENT | OR | OFF | 2006/06/23 14:18 |
| S16 | 25 | "6402939" | US-PGPUB; USPAT; USOCR; EPO; DERWENT | OR | OFF | 2006/06/23 14:18 |
| S17 | 9 | "6482314" | US-PGPUB; USPAT; USOCR; EPO; DERWENT | OR | OFF | 2006/06/23 14:20 |
| S18 | 15 | "6500219" | US-PGPUB; USPAT; USOCR; EPO; DERWENT | OR | OFF | 2006/06/23 14:21 |
| S19 | 1 | "10/826,621" | US-PGPUB; USPAT; USOCR; EPO; DERWENT | OR | OFF | 2006/09/01 12:58 |
| S20 | 35 | "208/208M" | US-PGPUB; USPAT; USOCR; EPO; DERWENT | OR | OFF | 2006/06/23 14:24 |
| S21 | 327 | "208/14" | US-PGPUB; USPAT; USOCR; EPO; DERWENT | OR | OFF | 2006/11/06 13:41 |
| S22 | 5058 | (sulfur or organosulfur)and(hydrocarbon)and(metal or metallic)and(sodium)and(solvent)an d(hydrogen)and(sulfide)and(extract ion) | US-PGPUB; USPAT; USOCR; EPO; DERWENT | OR | OFF | 2006/06/26 07:34 |

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|-----|-------|---|--|----|-----|------------------|
| S23 | 339 | (sulfur or organosulfur)same(hydrocarbon)same(metal or metallic)same(sodium)and(solvent)and(hydrogen)and(sulfide)and(extraction) | US-PGPUB; USPAT; USOCR; EPO; DERWENT | OR | OFF | 2006/06/23 14:27 |
| S24 | 156 | (sulfur or organosulfur)same(hydrocarbon)same(metal or metallic)same(sodium)same(solvent)and(hydrogen)same(sulfide)and(extraction) | US-PGPUB; USPAT; USOCR; EPO; DERWENT | OR | OFF | 2006/06/23 14:28 |
| S25 | 85 | (sulfur or organosulfur)same(hydrocarbon)same(metal or metallic)same(sodium)same(solvent)and(hydrogen)same(sulfide)same(extraction) | US-PGPUB; USPAT; USOCR; EPO; DERWENT | OR | OFF | 2006/06/23 15:44 |
| S26 | 480 | (sulfur or organosulfur)same(hydrocarbon)same(metal or metallic)same(sodium)same(ammonia) | US-PGPUB; USPAT; USOCR; EPO; DERWENT | OR | OFF | 2006/06/23 15:51 |
| S27 | 31 | (desulfurization)same(metal or metallic)same(sodium)same(ammonia)same(solvent) | US-PGPUB; USPAT; USOCR; EPO; DERWENT | OR | OFF | 2006/06/23 15:54 |
| S28 | 32 | (desulfurization)same(sodium)same(ammonia)same(solvent) | US-PGPUB; USPAT; USOCR; EPO; DERWENT | OR | OFF | 2006/07/06 14:14 |
| S29 | 4 | "3755149" | US-PGPUB; USPAT; USOCR; EPO; DERWENT | OR | OFF | 2006/06/26 07:26 |
| S30 | 19541 | (sulfur)and(hydrocarbon)and(metal or metallic)and(sodium)and(ammonia)and(hydrogen) | US-PGPUB; USPAT; USOCR; EPO; DERWENT | OR | OFF | 2006/06/26 07:35 |
| S31 | 322 | (sulfur)same(hydrocarbon)same(metal or metallic)same(sodium)same(ammonia)same(hydrogen) | US-PGPUB; USPAT; USOCR; EPO; DERWENT | OR | OFF | 2006/06/26 08:04 |

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|-----|-------|--|--|----|-----|------------------|
| S32 | 95 | (sulfur)same(hydrocarbon)same(metal or metallic)near4(sodium)same(ammonia)same(hydrogen) | US-PGPUB; USPAT; USOCR; EPO; DERWENT | OR | OFF | 2006/06/26 07:36 |
| S33 | 338 | (sulfur)same(reduction or removal)same(metal or metallic)same(sodium)same(ammonia)same(hydrogen) | US-PGPUB; USPAT; USOCR; EPO; DERWENT | OR | OFF | 2006/06/26 08:13 |
| S34 | 47189 | (ammonia)and(sodium)and(sulfur) | US-PGPUB; USPAT; USOCR; EPO; DERWENT | OR | OFF | 2006/06/26 08:15 |
| S35 | 45 | (ammonia)near4(sodium)near4(sulfur) | US-PGPUB; USPAT; USOCR; EPO; DERWENT | OR | OFF | 2006/06/26 08:19 |
| S36 | 159 | (ammonia)near8(sodium)near8(sulfur) | US-PGPUB; USPAT; USOCR; EPO; DERWENT | OR | OFF | 2006/06/26 08:19 |
| S37 | 1792 | (sodium)and(ammonia)and(desulfurization) | US-PGPUB; USPAT; USOCR; EPO; DERWENT | OR | OFF | 2006/06/27 13:06 |
| S38 | 163 | (sodium)same(ammonia)same(desulfurization) | US-PGPUB; USPAT; USOCR; EPO; DERWENT | OR | OFF | 2006/06/27 13:07 |
| S39 | 28 | "3488271" | US-PGPUB; USPAT; USOCR; EPO; DERWENT | OR | OFF | 2006/06/27 14:16 |
| S40 | 988 | "208/143" | US-PGPUB; USPAT; USOCR; EPO; DERWENT | OR | OFF | 2006/06/28 08:28 |
| S41 | 31 | "208/232" | US-PGPUB; USPAT; USOCR; EPO; DERWENT | OR | OFF | 2006/06/28 08:28 |

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| S42 | 65 | (sodium adj sulfide)same(ammonia)same(solvent)and(extraction) | US-PGPUB; USPAT; USOCR; EPO; DERWENT | OR | OFF | 2006/07/06 14:18 |
| S43 | 190 | (sodium adj sulfide)same(ammonia)same(solvent) | US-PGPUB; USPAT; USOCR; EPO; DERWENT | OR | OFF | 2006/07/06 14:18 |
| S44 | 51 | (sodium adj sulfide)near4(ammonia) | US-PGPUB; USPAT; USOCR; EPO; DERWENT | OR | OFF | 2006/11/06 13:07 |
| S45 | 16 | "3785965" | US-PGPUB; USPAT; USOCR; EPO; DERWENT | OR | OFF | 2006/07/06 14:32 |
| S46 | 6 | "4017381" | US-PGPUB; USPAT; USOCR; EPO; DERWENT | OR | OFF | 2006/09/01 12:58 |